

SEQUENCE LISTING

<110> Nya Hamlet Pharma A/B

<120> Biologically active complex

<130> P1435US00

<160> 5

<170> PatentIn version 3.1

<210> 1

<211> 123

<212> PRT

<213> homo sapiens

<400> 1

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Gly	Tyr	Gly	Gly	Ile	Ala	Leu	Pro	Glu	Leu	Ile	Cys	Thr	Met	Phe	His
		20					25						30		

Thr	Ser	Gly	Tyr	Asp	Thr	Gln	Ala	Ile	Val	Glu	Asn	Asn	Glu	Ser	Thr
		35				40						45			

Glu	Tyr	Gly	Leu	Phe	Gln	Ile	Ser	Asn	Lys	Leu	Trp	Cys	Lys	Ser	Ser
	50				55						60				

Gln	Val	Pro	Gln	Ser	Arg	Asn	Ile	Cys	Asp	Ile	Ser	Cys	Asp	Lys	Phe
65					70					75					80

Leu	Asp	Asp	Asp	Ile	Thr	Asp	Asp	Ile	Met	Cys	Ala	Lys	Lys	Ile	Leu
				85					90					95	

Asp	Ile	Lys	Gly	Ile	Asp	Tyr	Trp	Leu	Ala	His	Lys	Ala	Leu	Cys	Thr
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Glu Lys Leu Glu Gln Trp Leu Cys Glu Lys Leu
115 120

<210> 2

<211> 123

<212> PRT

<213> Bos taurus

<400> 2

Glu Gln Leu Thr Lys Cys Glu Val Phe Arg Glu Leu Lys Asp Leu Lys
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Gly Tyr Gly Gly Val Ser Leu Pro Glu Trp Val Cys Thr Thr Phe His
20 25 30

Thr Ser Gly Tyr Asp Thr Gln Ala Ile Val Gln Asn Asn Asp Ser Thr
35 40 45

Glu Tyr Gly Leu Phe Gln Ile Asn Asn Lys Ile Trp Cys Lys Asp Asp
50 55 60

Gln Asn Pro His Ser Ser Asn Ile Cys Asn Ile Ser Cys Asp Lys Phe
65 70 75 80

Leu Asp Asp Asp Leu Thr Asp Asp Ile Met Cys Val Lys Lys Ile Leu
85 90 95

Asp Lys Val Gly Ile Asn Tyr Trp Leu Ala His Lys Ala Leu Cys Ser
100 105 110

Glu Lys Leu Asp Gln Trp Leu Cys Glu Lys Leu
115 120

<210> 3

<211> 123

<212> PRT

<213> Artificial Sequence

<220>

<223> Mutation of AA 87

<400> 3

Glu Gln Leu Thr Lys Cys Glu Val Phe Arg Glu Leu Lys Asp Leu Lys
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Gly Tyr Gly Gly Val Ser Leu Pro Glu Trp Val Cys Thr Thr Phe His
20 25 30

Thr Ser Gly Tyr Asp Thr Gln Ala Ile Val Gln Asn Asn Asp Ser Thr
35 40 45

Glu Tyr Gly Leu Phe Gln Ile Asn Asn Lys Ile Trp Cys Lys Asp Asp
50 55 60

Gln Asn Pro His Ser Ser Asn Ile Cys Asn Ile Ser Cys Asp Lys Phe
65 70 75 80

Leu Asp Asp Asp Leu Thr Ala Asp Ile Met Cys Val Lys Lys Ile Leu
85 90 95

Asp Lys Val Gly Ile Asn Tyr Trp Leu Ala His Lys Ala Leu Cys Ser
100 105 110

Glu Lys Leu Asp Gln Trp Leu Cys Glu Lys Leu
115 120

<210> 4

<211> 123

<212> PRT

<213> Artificial Sequence

<220>

<223> Mutation of AA 87

<400> 4

Glu Gln Leu Thr Lys Cys Glu Val Phe Arg Glu Leu Lys Asp Leu Lys
1 5 10 15

Gly Tyr Gly Gly Val Ser Leu Pro Glu Trp Val Cys Thr Thr Phe His
20 25 30

Thr Ser Gly Tyr Asp Thr Gln Ala Ile Val Gln Asn Asn Asp Ser Thr
35 40 45

Glu Tyr Gly Leu Phe Gln Ile Asn Asn Lys Ile Trp Cys Lys Asp Asp

50	55	60
Gln Asn Pro His Ser Ser Asn Ile Cys Asn Ile Ser Cys Asp Lys Phe		
65	70	75 80
Leu Asp Asp Asp Leu Thr Asn Asp Ile Met Cys Val Lys Lys Ile Leu		
	85	90 95
Asp Lys Val Gly Ile Asn Tyr Trp Leu Ala His Lys Ala Leu Cys Ser		
	100	105 110
Glu Lys Leu Asp Gln Trp Leu Cys Glu Lys Leu		
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<212> PRT

<213> Artificial Sequence

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<223> Mutation of AA 70

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Glu Gln Leu Thr Lys Cys Glu Val Phe Arg Glu Leu Lys Asp Leu Lys
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20 25 30
Thr Ser Gly Tyr Asp Thr Gln Ala Ile Val Gln Asn Asn Asp Ser Thr
35 40 45
Glu Tyr Gly Leu Phe Gln Ile Asn Asn Lys Ile Trp Cys Lys Asp Asp
50 55 60
Gln Asn Pro His Ser Arg Asn Ile Cys Asn Ile Ser Cys Asp Lys Phe
65 70 75 80
Leu Asp Asp Asp Leu Thr Asp Asp Ile Met Cys Val Lys Lys Ile Leu
85 90 95
Asp Lys Val Gly Ile Asn Tyr Trp Leu Ala His Lys Ala Leu Cys Ser
100 105 110

Glu Lys Leu Asp Gln Trp Leu Cys Glu Lys Leu
115 . 120